

HIGHWAY PERFORMANCE MONITORING SYSTEM

A state and national data system
consisting primarily of:

- Roadway Inventory
- Traffic data
- Pavement data

The complete listing of data catalogs with all of the data items is
available in the FHWA's HPMS Field Manual found here:




















<http://www.fhwa.dot.gov/policyinformation/hpms/fieldmanual/>

We are still seeking these items

Whatever traffic data you can provide

- **ADT (or AADT)**
- **Peak Hour Volume (or K Factor).**
- **D Factor**
- **Truck Percentages**
- **Forecast Traffic**








Figure C-1 – FHWA Vehicle Classification Scheme

Passenger Vehicles	Class	Illustration	Description
	1		Motorcycles
	2		Passenger Cars
Single-Unit Trucks	3		Pickups/Vans
	4	 	Buses
	5	  	6 tire two-axle single unit trucks
	6	 	Three axle single unit trucks
	7	 	Four or more axle single unit trucks
Combination-Unit Trucks	8		Four or fewer axle truck and trailer combinations
	9		Five axle truck and trailer combinations
	10		Six or more axle truck and trailer combinations
	11		Five or fewer axle multis
	12		Six axle multis
	13		Seven or more axle multis
These are negligible	14		Errors/Unknown

A Public Road

- A public road is any road or street owned and maintained by a public authority and open to public travel. [23 U.S.C. 101(a)].
- ... must be ... passable by four-wheel standard passenger cars, and open to the general public for use without restrictive gates, prohibitive signs, or regulation ... [23 CFR 460.2(c)]

Functional Classification Conversion Table

Old FC Code		New FC Code
1, 11	 Interstate	1
12	 Other Freeways and Expressways	2
2, 14	 Other Principal Arterial	3
6,16	 Minor Arterial	4
7, 17	 Major Collector	5
8	 Minor Collector	6
9, 19	 Local	7

State Highway Traffic Data

Traffic and Vehicle Data Systems Unit

<http://www.dot.ca.gov/hq/traffops/saferesr/trafdata/index.htm>

Caltrans traffic counts are summarized annually into three reports:

- **Traffic Volumes**
- **Annual Average Daily Truck Traffic**
- **Ramp Volumes**

These may be downloaded from this site (PDF or Excel Files).

For more information

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This presentation is available at the HPMS web site:

<http://www.dot.ca.gov/hq/tsip/hpms/index.php>

The reports look good so far

Can you update them or
replace with a more recent
data file?

If you have not yet turned in a data file, either for traffic or pavement data, please consider placing one here:

<ftp://data.scag.ca.gov/>